



11:10 A  
Amended  
8/29/01  
Docket Number: C98-015

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Bachelder et al.**

Serial Number: **09/127,676**

Group Art Unit: **2671/2772**

Filed: **7/31/1998**

Examiner:

**P. Nguyen**

Title: **METHOD FOR REFINING GEOMETRIC DESCRIPTION MODELS USING IMAGES**

Certificate of Mailing

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, first class mail, with sufficient postage in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Date: **5/25/01**

By: **Cheryl Gloane**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

RECEIVED

JUN 1 2001

Technology Center 2600

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated April 27, 2000, please amend the above-identified application as follows:

AMENDMENT

*In the specification:*

Please replace the entire abstract of the disclosure, beginning on page 16, with the following rewritten abstract:

A1  
-- The creation of accurate geometric description-based models of objects in a machine vision system can be performed in a computer-assisted process. A rough model of an image of an object forms the basis of the model. The model is refined through the application of machine vision tools and techniques so as to provide a model including a geometric description. The model can be used in machine vision applications that may be used, for example, to compare images of objects under inspection to the model. --



2772  
2671

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Bachelder et al.**

Serial No.: **09/127,676**

Group Art Unit: **2772**

Filed: **7/31/98**

Examiner: **P. Nguyen**

For: **METHOD FOR REFINING GEOMETRIC DESCRIPTION MODELS  
USING IMAGES**

Assistant Commissioner for Patents  
Washington, DC 20231

CERTIFICATE OF MAILING (37 CFR 1.8a)

I hereby certify that on 5/25/01 this correspondence and the below referenced papers are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Cheryl A. Sloane  
Cheryl A. Sloane

TRANSMITTAL

Dear Sir:

This correspondence contains the following items:

- Transmittal Letter
- Amendment and Response to Office Action
- Postcard

RECEIVED  
JUN 1 2001  
Technology Center 2600

Respectfully Submitted,

Dated: 5/25/2001

Arthur J. O'Dea

Arthur J. O'Dea, Registration No. 42,952  
Attorney for Applicants  
Cognex Corporation  
One Vision Drive  
Natick, MA 01760-2059  
Phone: 508-650-3108  
Fax: 508-650-3329

SH